WHAT IS CLAIMED IS:

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1. A shaft having a shank with a splined portion that is spline engaged with a fitting member, and with an external diameter portion that is formed with a distance of separation from the splined portion, both the splined portion and the external diameter portion being formed in an outer peripheral surface of the shank, comprising:

any one of a curved portion, a plurality of curved portions, and a plurality of curved portions and at least one straight portion, that extend continuously so as to connect a cut back portion formed at an end portion of a groove portion of the splined portion and the external diameter portion.

2. The shaft according to claim 1, further comprising:

a large diameter portion which has a diameter that is larger than a diameter of an external periphery of the splined portion and which is formed at an end portion of the external diameter portion at the splined portion side; and

a tapered portion which stops the fitting member and which is provided at a side surface of the large diameter portion at the splined portion side.

- 3. The shaft according to claim 2, wherein an end portion at the external diameter portion side of the curved portion is formed so as to be further from a shaft axis of the shank than the cut back portion.
- 4. The shaft according to claim 1, wherein two of the curved portion are provided.
- 5. The shaft according to claim 2, wherein two of the curved portion are provided.
- 6. The shaft according to claim 3, wherein two of the curved portion are provided.
 - 7. The shaft according to claim 1, wherein two of the straight portion are provided.

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The shaft according to claim 2, wherein two of the straight portion are

	provided.			
5	9.	The shaft according to claim 3, wherein two of the straight portion are		
	provided.			
	10.	A manufacturing method for manufacturing the shaft as in claim 1,		
	comprising the steps of:			
10		forming the splined portion with a predetermined shape by cold		
	forging, machining and component rolling;			
		forming the curved portion by component rolling; and		
	·	conducting quenching.		
15	11.	A manufacturing method for manufacturing the shaft as in claim 2,		
	comprising the steps of:			
		forming the splined portion with a predetermined shape by cold		
	forging, machining and component rolling;			
		forming the curved portion by component rolling; and		
20		conducting quenching.		
	12.	A manufacturing method for manufacturing the shaft as in claim 3,		
	comprising the steps of:			
		forming the splined portion with a predetermined shape by cold		
25	forging, mac	forging, machining and component rolling;		
		forming the curved portion by component rolling; and		
		conducting quenching.		
	13.	A manufacturing method for manufacturing the shaft as in claim 4,		
3 0	comprising tl	ne steps of:		
		forming the splined portion with a predetermined shape by cold		
	forging, machining and component rolling;			
		forming the curved portion by component rolling; and		
	•	conducting quenching		

	14. A manufacturing method for manufacturing the shaft as in claim 5		
	comprising the steps of:		
	forming the splined portion with a predetermined shape by cold		
5	forging, machining and component rolling;		
	forming the curved portion by component rolling; and		
	conducting quenching.		
	15. A manufacturing method for manufacturing the shaft as in claim 6		
10	comprising the steps of:		
	forming the splined portion with a predetermined shape by cold		
	forging, machining and component rolling;		
	forming the curved portion by component rolling; and		
	conducting quenching.		
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	16. A manufacturing method for manufacturing the shaft as in claim 7,		
	comprising the steps of:		
	forming the splined portion with a predetermined shape by cold		
	forging, machining and component rolling;		
20	forming the curved portion by component rolling; and		
	conducting quenching.		
	17. A manufacturing method for manufacturing the shaft as in claim 8,		
	comprising the steps of:		
25	forming the splined portion with a predetermined shape by cold		
	forging, machining and component rolling;		
	forming the curved portion by component rolling; and		
	conducting quenching.		
30	18. A manufacturing method for manufacturing the shaft as in claim 9,		
	comprising the steps of:		
	forming the splined portion with a predetermined shape by cold		
	forging, machining and component rolling;		
	forming the curved portion by component rolling; and		

conducting quenching.

- 19. The manufacturing method for the shaft according to claim 10, further comprising the step of:
- 5 conducting shot peening of the shaft.